

**I CLAIM:**

1. A heating pad comprising:

an envelope confining a receiving space;

a heating unit including a metal plate, and a resistance  
5 heating element attached to said metal plate;

a positioning unit mounted within said receiving space  
and connected to said metal plate;

a phase change material provided within said receiving  
space and enclosing said heating unit; and

10 a pair of electrodes connected to said heating element  
and extending outwardly of said envelope.

2. The heating pad as claimed in Claim 1, wherein said  
positioning unit includes a plurality of flexible strips  
each of which has one end attached to said envelope and  
15 another end connected to said metal plate.

3. The heating pad as claimed in Claim 2, wherein said  
flexible strips and said envelope are made of the same  
material.

4. The heating pad as claimed in Claim 3, wherein said metal  
20 plate is formed with holes, each of said strips passes  
through one of said holes.

5. The heating pad as claimed in Claim 4, wherein said  
envelope has a plurality of corners, said strips being  
attached respectively to said corners.

25 6. The heating pad as claimed in Claim 1, wherein said  
envelope is made of a plastic material.

7. The heating pad as claimed in Claim 1, wherein said

resistance heating element is a printed resistance wire provided on a surface of said metal plate.

8. The heating pad as claimed in Claim 1, further comprising a thermal control switch connected electrically to said heating unit.

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9. The heating pad as claimed in Claim 1, further comprising a light emitting diode connected electrically to said heating unit.

10. The heating pad as claimed in Claim 1, further comprising a connector connected to said electrodes externally of said envelope.

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